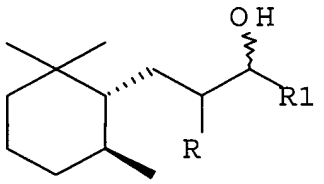
IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims

Claims 1-7 (Cancelled)

8. (Previously presented) A method for the preparation of a trimethylcyclohexyl-alkan-3-ol containing a proportion of trans isomer of Formula D

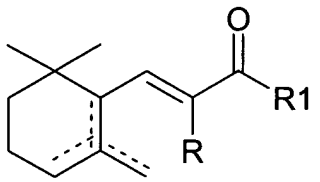


D

where
R = H, Me, Et, n-propyl, iso-propyl, n-butyl, iso-butyl or tert-butyl and
R1 = Me, Et, n-propyl, iso-propyl, n-butyl, iso-butyl or tert-butyl,
or of a mixture of several such trimethylcyclohexyl-alkan-3-ols,

wherein said method comprises catalytically hydrogenating corresponding compounds of Formula B

B



in which R and R1 in each case have the indicated meanings, in the presence of a base and a nickel catalyst, and in an absence of catalytically active amounts of copper chromite.

9. (Original) The method according to Claim 8, wherein said nickel catalyst is a Raney nickel.

10. (Original) The method according to Claim 8, wherein process conditions are set such that said trimethylcyclohexyl-alkan-3-ol or said mixture of several such trimethylcyclohexyl-alkan-3-ols contain a proportion of at least 15 % trans isomer(s) of Formula C, based on a total amount of trans- and cis isomers prepared.

11. (Previously presented) The method according to Claim 9, wherein said Raney nickel is used in an amount of 0.001 to 10 % (m/m) based on a mass of said compound(s) of Formula B, in which R and R1 in each case have the indicated meanings.

12. (Previously presented) The method according to Claim 9, wherein said Raney nickel is used in an amount of 0.1 to 3 % (m/m) based on the mass of said compound(s) of Formula B, in which R and R1 in each case have the indicated meanings.

13. (Cancelled).

14. (Original) The method according to Claim 8, wherein said base is selected from the group consisting of: hydroxides, oxides, carbonates of alkali metals and carbonates of alkaline earth metals.

15. (Original) The method according to Claim 8, wherein said catalytic hydrogenation is carried out at a temperature in a range of between 40 and 350 °C.

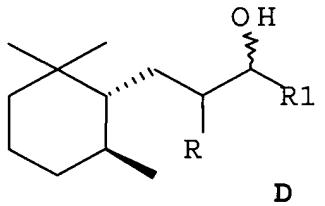
16. (Original) The method according to Claim 8, wherein said catalytic hydrogenation is carried out at a temperature in the range of between 200 and 300 °C.

17. (Original) The method according to Claim 8, wherein said catalytic hydrogenation is carried out under a pressure in a range of between 1 and 200 bar.

18. (Original) The method according to Claim 8, wherein said catalytic hydrogenation is carried out under a pressure in the range of between 10 and 50 bar.

19. (Currently amended) A method for the preparation of a perfume composition, with the following steps:

- preparation of a trimethylcyclohexyl-alkan-3-ol containing a proportion of trans isomers of Formula D



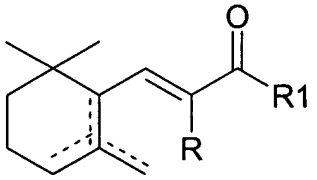
D

where

R = H, Me, Et, n-propyl, iso-propyl, n-butyl, iso-butyl or tert-butyl and

R1 = Me, Et, n-propyl, iso-propyl, n-butyl, iso-butyl or tert-butyl,

or of a mixture of several such trimethylcyclohexyl-alkan-3-ols, by a method comprising catalytically hydrogenating corresponding compounds of Formula B



B

in which R and R1 in each case have the indicated meanings, in the presence of a base and a nickel catalyst, and in an absence of catalytically active amounts of copper chromite,

- optional isolation and/or purification of said trimethylcyclohexyl-alkan-3-ol or of said mixture,

- mixing an aroma changing effect amount of said trimethylcyclohexyl-alkan-3-ol or of said mixture with one or more conventional perfume constituents.